EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7587	(438/106-109).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 14:41
S2	1546	(438/109).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 14:46
S3	2235	(438/108).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/18 14:47
S4	6	("2004/0119152").URPN.	USPAT	ADJ	ON	2009/02/18 15:14
S5	0	("2005/0001312").URPN.	USPAT	ADJ	ON	2009/02/18 15:20
S6	20	("2005/0040508").URPN.	USPAT	ADJ	ON	2009/02/18 15:22
S7	4	("5177594" | "5239448" | "6734540").PN. OR ("7042077").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/18 16:07
S8	55	("20010044197" | "20020000650" | "20020030261" | "20020088116" | "20020109514" | "20020127893" | "20020130677" | "20020182900" | "20030027373" | "20030038378" | "20030049952" | "20030094666" | "20030103338" | "20030209813" | "20040018753" | "20040029411" | "20040135594" | "20040203268" | "20050208785" | "5569963" | "5703753" | "5729433" | "5734201" | "5770891" | "5821624" | "5842273" | "6124546" | "6133744" | "6224396" | "6252301" | "6264476" | "6286208" | "6294407" | "6365978" | "6386890" | "6399892" | "6434017" | "6459039" | "6486415" | "6516513" | "6524115" | "6541867" | "6545226" |	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/18 16:07

		"6573609" | "6756797" | "6774315" | "6830177" | "6836011" | "6870272" | "6875921" | "6974915" | "6978542" | "6981880" | "7042077" | "7083436"). PN. OR ("7245022"). URPN.				
S9	14	("20030017647" | "20030107119" | "5353498" | "5399898" | "5489554" | "6294741" | "6355501" | "6383837" | "6607938").PN. OR ("7045391").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/18 16:08
S10	68	("5426072" | "5880010" | "5923067" | "5985693" | "6252300").PN. OR ("6355501").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/18 16:08
S11	9	("6040204" | "6235554" | "6291259" | "6355501"). PN. OR ("6482677"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/18 16:08
S12	44670	(MCM or (stack$3 near3 chip) or multi-chip)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:25
S13	1286	wir$3 near5 encapsulat$3 near5 substrate	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:26
S14	333	S12 and S13	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:26
S15	605502	(base or susbtrate) with (aperture or hole or open $4)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:27
S16	2196	S12 and S15	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:27
S17	18	S13 and S16	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:27
S19	49052	(257/685-796).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/19 09:31
S20	720	257/790	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:32
S21	1314	257/796	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:32
S22	4529	257/787	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:32

S24	5593	257/737	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:32
S26	5469	257/686	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:33
S27	1939	257/685	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 09:33
S28	0	("2004/0061243").URPN.	USPAT	ADJ	ON	2009/02/19 09:34
S29	4836	257/738	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 10:17
S30	8	("20010009302" | "5400950" | "5677575" | "5726491" | "5744859" | "6462420" | "6677677" | "6724078").PN. OR ("6943060").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/19 10:18
S31	25	("4561011" | "4827376" | "5098609" | "5276289" | "5396403" | "5587882" | "5623394" | "5672548" | "5744863" | "5880524" | "5905636" | "6091603" | "6218730" | "6281573" | "6292369" | "6294408" | "6372337").PN. OR ("6724078").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/19 10:19
S32	27	("4561011" | "4673772" | "4970577" | "5045922"). PN. OR ("5276289"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/19 10:19
S33	14	("4752027" | "4865245" | "4912545" | "4974769" | "5022580" | "5056215" | "5071787" | "5125560" | "5276289" | "5341980"). PN. OR ("6121062"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/19 10:19
S34	34	("3811186" | "3871015" | "3887760" | "4067104" | "4581680" | "4595610" | "4604644" | "4673772" | "4682414" | "4766670" | "4859808" | "4878611" | "4965700").PN. OR ("5056215").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/19 10:19
S35	1068	encapsula$5 near5 chip near5 (exposed or open or out or uncovered)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/02/19 10:54

S36	18332	(438/106-127).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/24 11:42
S37	1197	encapsula$5 near5 chip near5 (exposed or open or out or uncovered)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/01/24 11:42
S38	304	S36 and S37	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/01/24 11:42
S39	1	(09/922254).APP.	USPAT; USOCR	ADJ	ON	2010/01/24 11:52
S40	15	("5796164").PN. OR ("6548911").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/24 11:52
S41	0	(11/371204).APP.	USPAT; USOCR	ADJ	ON	2010/01/24 12:25
S42	15	("20030137041" | "20040075164" | "20040251530" | "20050184377" | "20050233567" | "20060110849" | "20060157866" | "20060202317" | "20060205111" | "20070181990" | "20080067661" | "5222014" | "6339254" | "7180165" | "7365427").PN.	US-PGPUB; USPAT	ADJ	ON	2010/01/24 12:26
S43	7645	encapsula$5 near5 chip and ((multi or dual or flip or two) near2 chip)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/01/24 14:05
S44	1917	S36 and S43	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/01/24 14:05
S45	1727	S44 not S37	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/01/24 14:05
S46	597232	(hole or via or penetrat$4) near5 (base or substrate or holder)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/01/24 14:06
S47	629	S45 and S46	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/01/24 14:06
S48	0	(11/371204).APP.	USPAT; USOCR	ADJ	ON	2010/01/25 10:09
S49	1	("20070158815").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/25 10:27

S50	25	("20010000927" | "20020001937" | "20020028533" | "20020033540" | "20020060368" | "4796157" | "5120678" | "5203076" | "5218234" | "5296074" | "5710071" | "5739585" | "5973404" | "6013946" | "6214635" | "6221689" | "6225144" | "6291264" | "6297560" | "6385049" | "6400036" | "6455933" | "6492204"). PN. OR ("6987058"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/25 10:37
S51	26	("20030006496" | "20030069654" | "5012323" | "5128831" | "5291061" | "5323060" | "5399898" | "5422435" | "5434745" | "5495398" | "5513076" | "5689135" | "5719440" | "5811879" | "5891753" | "5973403" | "5998860" | "6051878" | "6093969" | "6218731" | "6300163" | "6506625" | "6512303" | "6563217" | "6583502").PN. OR ("7005316").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/25 10:40
S52	9983	solder mask	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/01/26 16:36
S53	1994	S52 and "438".clas.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/01/26 16:36
S54	19629	(438/106-127).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/22 09:08
S55	1499	wir$3 near5 encapsulat$3 near5 substrate	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/07/22 09:08
S56	386	S54 and S55	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/07/22 09:08
S57	134	S56 and (heat near3 (sink or dissipat$5))	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/07/22 09:09
S58	1	("6,122,171").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/22 09:12
S59	294	((FUNG) near2 (CHEN)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/27 10:38

S60	1746	((seong) near2 (kim)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/27 10:39
S61	1	((cha) near2 (wee)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/27 10:39
S62	8	((yi-sheng) near2 (sun)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/27 10:40
S63	21	((wolfgang) near2 (hetzel)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/27 10:40
S64	40	((jochen) near2 (thomas)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/27 10:40
S65	119	((FUNG) near2 (CHEN)).INV.	EPO; JPO; IBM_TDB	ADJ	ON	2010/07/27 10:41
S66	819	((seong) near2 (kim)).INV.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/27 10:41
S67	1	((cha) near2 (wee)).INV.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/27 10:41
S68	4	((yi-sheng) near2 (sun)).INV.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/27 10:42
S69	13	((wolfgang) near2 (hetzel)).INV.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/27 10:42
S70	14	((jochen) near2 (thomas)).INV.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/27 10:42
S71	88	S59 and (package or encapsul$5)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/07/27 10:42
S72	166	S60 and (package or encapsul$5)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/07/27 10:42
S73	0	S65 and (package or encapsul$5)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/07/27 10:43
S74	6	S66 and (package or encapsul$5)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/07/27 10:43
S75	8069	encapsula$5 near5 chip and ((multi or dual or flip or two) near2 chip)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/07/27 10:48
S76	19643	(438/106-127).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/27 10:48
S77	2042	S75 and S76	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/07/27 10:48

| S78 | 840850 | (opening or hole or via or penetrat$4) near5 (base or substrate or holder) | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/07/27 10:49 |
| S79 | 873 | S77 and S78 | US-PGPUB; USPAT; JPO; DERWENT | ADJ | ON | 2010/07/27 10:49 |

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S80	151	((FUNG) near2 (CHEN)).INV.	USPAT; UPAD	ADJ	ON	2010/07/27 10:40
S81	648	((seong) near2 (kim)).INV.	USPAT; UPAD	ADJ	ON	2010/07/27 10:40
S82	0	((cha) near2 (wee)).INV.	USPAT; UPAD	ADJ	ON	2010/07/27 10:40
S83	1	((yi-sheng) near2 (sun)).INV.	USPAT; UPAD	ADJ	ON	2010/07/27 10:40
S84	7	((wolfgang) near2 (hetzel)).INV.	USPAT; UPAD	ADJ	ON	2010/07/27 10:41
S85	16	((jochen) near2 (thomas)).INV.	USPAT; UPAD	ADJ	ON	2010/07/27 10:41
S86	3784	encapsula$5 near5 chip and ((multi or dual or flip or two) near2 chip)	USPAT; UPAD	ADJ	ON	2010/07/27 10:50
S87	401	(438/106-127).CCLS.	UPAD	OR	OFF	2010/07/27 10:50
S88	339097	(opening or hole or via or penetrat$4) near5 (base or substrate or holder)	USPAT; UPAD	ADJ	ON	2010/07/27 10:51
S89	15	S86 and S87 and S88	USPAT; UPAD	ADJ	ON	2010/07/27 10:51
S90	401	(encapsula$5 near5 chip and ((multi or dual or flip or two) near2 chip)).clm.	USPAT; UPAD	ADJ	ON	2010/07/27 10:52
S91	91532	((opening or hole or via or penetrat$4) near5 (base or substrate or holder)).clm.	USPAT; UPAD	ADJ	ON	2010/07/27 10:52
S92	63	S90 and S91	USPAT; UPAD	ADJ	ON	2010/07/27 10:52

7/27/2010 10:53:04 AM
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